smart**TAG**

PROXIMITY DETECTION

*micro***ITS**

SMART SAFE WORKZONES

PROTECTING PEOPLE
WHERE THEY'RE AT GREATEST RISK

Mining **Construction** **Events** **Rail** **Aviation** **Defense** **Public works** **Disaster**

YOUR FRONTLINE DEFENSE SYSTEM
JUST GOT SMARTER

Up until now onsite alarm systems worked primarily to protect ground staff from threats within the workzone, relying on communication between devices onsite to form an internal safety network.

SmartTAG is different, it works with your existing barrier and warning system to alert workers of danger outside of or entering the workzone.

If a vehicle approaches the workzone at excessive speed, the radar on your Truck Mounted Attenuator (TMA), Speed Advisory Sign (SAS) or Variable Message Sign (VMS) detects the threat and relays the information to operators and workers onsite, triggering personal alarms worn by ground grew and in-cab alerts for drivers.

PERSONAL ALARM DEVICES

Of course, the system still alerts workers of danger within the worksite. If someone gets too close to machinery and breaches the Warning or Alert zone, he will be alerted via a series of beeps, flashes and vibrations from the SmartTAG.

Ground crew can also alert each ofther of imminent danger or raise a global alarm.

REMOTE MANAGEMENT
OF YOUR DEVICES

ITS HOST offers unprecedented remote monitoring ability, allowing operators to pre-empt issues before they occur, take full advantage of smart features & securely delegate user access all via our secure online web portal.

IN-CAB CONTROLLER

PERSON TRACKING

Monitor surrounding workers via the handy on-screen display.

CONFIGURABLE ZONES

Manually adjust Alert and Warning Zones with the tap of the screen.

VEHICLE → PERSON ALARM

Vehicle operators can rapidly raise the alarm to ground staff and other vehicle operators, all via the touch screen interface.

RADAR TRIGGERED

System can be triggered via radars installed on other equipment such as TMA's, VMS Trailers and SAS displays.

POINTS OF INTEREST

Setup vehicle or person to object protection by configuring points of interest.

EVENT LOGGING

Event log options include location, speed, direction, events & alarms.

VIRTUAL BOUNDARY

By using GPS data, a geofence perimeter can be established to alert of external breaches.

SIMPLE, FAST RECHARGE

Easily and quickly charge multiple SmartTAG devices using the multi-rack system. Charging time is less than 4 hours.

TECHNICAL SPECIFICATIONS

ACCURACY	+/-2M
OPERATING FREQUENCY	2.4Gz, 900Mhz
OPERATING RANGE	0-1000m LOS (V2V 5km LOS)
SYSTEM VOLTAGE	BOTH 12 & 24vDC
RECHARGE TIME (SMART-TAG)	<4hrs
RUN TIME (SMART-TAG)	15hrs
BATTERY	Li-ION
ALARMS AVAILABLE	AUDIBLE, LED, VIBRATION
SENSORS	GYRO, INERTIA, GPS
INGRESS PROTECTION RATING	IP56

FEATURES

- ✓ Purpose built in-vehicle controller
- ✓ Rugged fanless tag design
- ✓ Adjustable proximity zones & relative postitioning
- ✓ Virtual boundary (geofence)
- ✓ Emergency broadcast alarm
- ✓ Event & alarm logging
- ✓ Wireless updates
- ✓ Heavy duty adjustable RAM mounting bracket system
- ✓ Contact-less charging
- ✓ Suitable for most outdoor applications
- ✓ Minimal installation requirements
- ✓ LED indicator, vibration, beeper
- ✓ Buddy Alert system warns all workers and operators of potential danger
- ✓ Integrate with barrier & driver warning systems such as TMA, VMS & SAS

microITS
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POWERED BY:

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